Wyoming County, West Virginia
Table H.--Engineering Index Properties

(Absence of an entry indicates that the data were not estimated.)

			Classif	icati	on		Fragi	ments			e passi			
Map symbol and soil name	Depth	USDA texture	ļ				   >10	1 2 10		sieve n	umber		Liquid  limit	
and soll name	 	1	   Unified	A	ASHTO			3-10  inches	4	10	40	200	- '	index
	   In			<u> </u>			   Pct	l	<u> </u>	ļ		<u> </u>		
	111		l I	1			l FCC	FCC				1	FCC	 
BPF:		İ	Ī	i				İ	İ	i	j	i	i	İ
Berks	0-7 	Very stony loam	GC, GM, SC,   SM	A-2,	A-4		 	15-30 	40-80 	35-70 	30-60 	25-45 	25-36 	5-10 
	7-34 		SC, SM, GC,   GM	A-1,	A-2,	A-4	 	0-30 	40-80 	35-70 	25-60 	20-45 	25-36 	5-10 
	34-38	•	GM, SM	A-1,	A-2			0-40	35-65	25-55	120-40	15-35	24-38	2-10
		Weathered   bedrock	 					 						
Pineville	   0-3 	  Very stony loam	  CL-ML, ML,   SC-SM, SM	A-2,	A-4		 	   3-15 	  55-90 	50-85	145-80	30-75	25-35	4-10
	 	Channery loam,   channery clay   loam, very	CL, CL-ML,   SC, SC-SM	A-2,	A-4,	A-6	 	0-10 	55-85   	50-80	45-75   	30-65	25-40	   6-15   
	43-65   	channery loam  Very channery   loam, very   channery clay   loam, very   channery sandy   loam	GC-GM, GM,   SC, SC-SM 	A-1,   4,   A-1,		A-	     	   5-20       	  35-75       	  30-70       	  25-65       	20-60       	  25-35       	   4-12     
Other Soils	 						 							
CeF:	 	1	 	1				 	 	1	1	1	1	 
Cedarcreek	3-65 	·	 	A-2,  A-2, 		A-6			45-60  30-55       				25-35  25-35         	7-12   7-12   7-12     
Other Soils	 		 	į			 	 	 					 
Rock Outcrop, hard	0-60 		     	   			   	   	   	   	   	   	   	   

Print date: 06/20/2001

Table H.--Engineering Index Properties--Continued

Map symbol	   Depth	   USDA texture	 	Classif	icati	on		i	ments			e passinumber	-	  Liquid	
and soil name	 	 	   Uni	ified	   A.	ASHTO		>10  inches	3-10  inches	4	10	40	200	limit 	ticity  index
	   In	 	!   !		   			   Pct	   Pct	! 	   	 	   	Pct	! 
Cg: Chagrin	9-48	Silt loam,   loam, sandy		L-ML, ML M			A-6	   				  80-100  55-90			
	48-65   	loam  Stratified silt   loam to   gravelly fine   sand	  ML, SN     	M, SP-SM	  A-2,   	A-4		 	   0   	  75-100     	  65-100   	  40-85     	  10-80   	  20-40   	  NP-10   
Holly	 	 	   -		 			 			 		 		
Ch: Chagrin	     0-7		    CL-ML,   SC-SN	, ML,	     A-4			   	     0	    95-100	    85-100	    55-85	    35-55	    15-25	    NP-5
	l			4, SH	A-2,	A-4,	A-6	   	0	90-100	75 <b>-</b> 100	  55-90 	  30-80 	20-40	NP-14 
	36-65   	Stratified silt   loam to   gravelly fine   sand	ĺ	M, SP-SM	  A-2,   	A-4		     	   0   	75-100     	  65-100   	40-85     	  10-80   	20-40   	  NP-10     
Cu:	 	 	 		 			 	 	 			 		 
Chagrin	9-48 		ML, SN	L-ML, ML M				   				80-100  55-90 			
	48-65 	Stratified silt   loam to   gravelly fine   sand	  ML, SM   	M, SP-SM	  A-2,   	A-4		     	   0   	  75-100     	  65-100   	40-85     	  10-80   	20-40   	  NP-10   
Urban Land	0-6	 	 		 			 			 		 		
Other Soils	   	   	   - 		   			   	   	   	   	   	   		   

Table H.--Engineering Index Properties--Continued

Map symbol	   Depth	   USDA texture	Classif 	icati	on		i	ments	l Pe	_	e passi umber	_	  Liquid	
and soil name	    -	 	   Unified	   Ai	ASHTO		>10  inches	3-10  inches		10	40	200	limit   	ticity  index 
	In			¦			Pct	Pct	' 	<u>'</u>	¦	¦	Pct	' 
DPF:	 		 				 	 	 	1		1	1	 
Dekalb				A-1,	A-2,	A-4		15-30	50-90	45-80	40-75	20-55	10-32	NP-10
	5-28     	sandy loam  Channery sandy   loam, channery   loam, very   channery sandy   loam	ML, SM 	  A-1,   	A-2,	A-4	     	   5-40   	  50-85   	  40-75   	  40-75   	  20-55     	  15-32   	  NP-9   
	28-33 	Toam  Channery sandy   loam, flaggy   sandy loam,   very flaggy		  A-1, 	A-2,	A-4	   <b></b>   	  10-50   	  45-85   	25-75	120-65	15-40	15-32	  NP-9   
	   33-37	loamy sand  Unweathered   bedrock	 				   	     	     					   
Other Soils							 							
Pineville	   0-3 		CL-ML, ML,  SC-SM, SM	A-2,	A-4		   	   3-15 	  55-90 	50-85 	45-80 	30-75 	25-35	4-10
	 	Channery loam,   channery clay   loam, very   channery loam	SC, SC-SM	A-2,	A-4,	A-6	   	0-10	55-85   	50-80   	45-75	30-65	25-40	6-15
	43-65       	Very channery   loam, very   loam, very   channery clay   loam, very   channery sandy   loam	GC-GM, GM,   SC, SC-SM 	A-1,   4, 1		A-	       	5-20         	35-75         	30-70	25-65       	20-60	25-35       	4-12         
Guyandotte		Very stony   sandy loam		  A-2,	A-4,	A-1	   	   5-20 	  30-70 	  25-65 	120-60	  15-55 	20-30	  NP-8 
	     	Very channery   sandy loam,   very channery   loam,   extremely   channery sandy   loam	ML, SC-SM     	A-1,         	A-2,	A-4	           	5-35             	25-65             	20-60           	15-55           	10-55           	20-30           	NP-8           

Table H.--Engineering Index Properties--Continued

Map symbol			Classif	Classification				rcentage sieve n	e passinumber		  Liquid	
and soil name     		   	   Unified	AASHTO		3-10  inches	   4	10	40	200	limit 	ticity  index
	In		 	.' <u></u>	Pct	   Pct	' 	'	'	 	Pct	<u> </u>
FvE:		1	 			 	 	[ I	 	  -		 
Fiveblock			GC-GM, GM, SC-SM, SM	A-1, A-2	 	  15-30 	  55-70 	  50-65 	35-50 	  10-25 	15-25 	NP-7 
 	6-65		GC-GM, GM,   SC-SM, SM   	A-1, A-2         	         	5-30           	45-65             	25-50             	15-35             	10-20	15-25           	NP-7           
GpC:		İ	İ			İ		İ	İ		İ	İ
Gilpin      	7-22	Channery loam,	CL, CL-ML  CL, CL-ML,   GC, SC	A-4, A-6  A-2, A-4, A-6	 		80-95  50-95 					4-15   4-15 
	22-39	Channery loam,   very channery   silt loam,		A-1, A-2, A-   4, A-6		0-35	  25 <b>-</b> 55 	  20-50 	  15-45 	  15-40 	20-40	4-15 
ļ	39-43	Unweathered   bedrock	 			   	   	   	   	'   		 
Lily	0-10	  Loam	  CL-ML, ML	A-4		   0-5	  90 <b>-</b> 100	  85-100	  70-95	  55-80	  15-35	  NP-10
		sandy clay	CL, ML, SC,   SM 	A-4, A-6	 	0-5 	90-100	85-100   	75-100 	40-80 	15-35 	3-15 
	30-34	Sandy clay   loam, clay   loam, gravelly   sandy clay	CL, ML, SC,   SM	A-1-b, A-2,   A-4, A-6	   	0-10   	  65-100   	50-100     	40-95     	  20-75   	15-35     	3-15   
	34-38	loam  Unweathered   bedrock	   	 	   	   	   	   	   	   	   	   
Other Soils		   	   		 	   	   	   	   	   	 	   
GpE:	0.7	  Silt loam	  CL, CL-ML	  A-4, A-6		   0-5		175.00	170 05		120-40	   4-15
GIIPIN  	7-22	Channery loam,		A-4, A-6  A-2, A-4, A-6							20-40	
		Channery loam,   very channery   silt loam,		A-1, A-2, A-   4, A-6	 	0-35	  25 <b>-</b> 55 	20-50 	  15-45 	15-40	20-40	4-15
	39-43	SIIC TOUM,  Unweathered   bedrock	 	 	   	   	   	   	   	     	   	   

Table H.--Engineering Index Properties--Continued

Map symbol	Denth	USDA texture	Classif	ication		Fragi	ments		rcentage sieve n	-		  Liquid	     Plas=
and soil name	Dopon	l comment	¦	1		'   >10	3-10		01010 11	u 0 1		limit	
		 	Unified	AASHTO	0	inches		4   4	10	40	200	- 1	index
	In	1		' <u></u>		Pct	Pct	'   	'	'	'   	Pct	'   
Lily    	10-30	Clay loam,   sandy clay	CL-ML, ML  CL, ML, SC,   SM	A-4  A-4, A-6		     						15-35  15-35 	
 				A-1-b, A-6	-,	     	0-10     	65-100     	50-100       	40-95     	20-75       	15-35     	3-15     
	34-38	Unweathered   bedrock	 	 		   	   	   	   	   	   		
Other Soils							 						
Ho:	0 2					   	I     0					1	
	3-28			A-4  A-4, A-6		   						20-40	
	28-65	•	ML, SM   	A-2, A-4		     	   0   	85-100     	75-100   	50-95     	25-80     	20-40	NP-10   
Lobdell	0-8	Loam	CL, CL-ML, ML	A-4			I 0	95-100	190-100	80-100	165-90	20-30	NP-8
		Loam, silt loam		A-4								20-35	
		Stratified   sandy loam to   silt loam	CL, CL-ML,   ML, SM	A-4		   	0	90-100	80-100   	65-85   	40-80	15-35   	NP-10 
Other Soils							 						
ImE:			i I	İ		! 	 	! 	! 	! 	! 	1	! 
Itmann	0-5	*	CL, ML, SC,	A-2, A-4		 	0-10	65-85 	60-80 	50 <b>-</b> 75 	30-60 	20-30	NP-8 
 		Very channery   sandy loam,   very channery   loam,   extremely   channery sandy   loam		A-1, A-2   		           	0-15           	30-55             	25-50             	20-45             	10-35             	15-25           	NP-7             

Table H.--Engineering Index Properties--Continued

   Map symbol	Depth	   USDA texture	Classi 	fication	Frag	ments	l Pe		re passi umber	_	  Liquid	
and soil name		 	Unified	AASHTO	>10  inches	3-10  inches	4	10	40	200	limit 	ticity  index
	In	.'	 	_	Pct	Pct	 	-		¦	Pct	 
ItF:			 				 			1		 
Itmann	0-5	Very channery   loam	GC-GM, GM	A-1, A-2	   	0-10	  40-55 	35-50 	25-45	15-35	15-25	NP-7 
 		Very channery   sandy loam,   very channery   loam,   extremely   channery sandy	 	A-1, A-2       	         	0-15         	30-55           	25-50         	20-45         	10-35         	15-25         	NP-7           
KcF:			 									
Kaymine            	3-65	'	 	A-2, A-4, A-6  A-2, A-4, A-6								
Cedarcreek        	3-65	'	 	A-2, A-4, A-6   A-2, A-4	       						  25-35  25-35     	
Other Soils												
   Dekalb			  CL-ML, GM,   ML, SM	  A-1, A-2, A-4		10-30	  50-90	45-80	40-75	120-55	10-32	  NP-10
	5-28	Channery sandy   loam, channery   loam, very   channery sandy   loam	GC-GM, GM,   ML, SM	A-1, A-2, A-4	     	5-40     	  50-85     	40-75     	40-75     	20-55     	15-32	NP-9     
	28-33	Channery sandy   loam, flaggy   sandy loam,   very flaggy   loamy sand	  GC, GM, SC,   SM   	A-1, A-2, A-4		10-50       	45-85       	25-75	20-65	15-40	15-32	NP-9       
	33-37	Unweathered   bedrock	 		 	 	   	 	 	 	 	 

Table H.--Engineering Index Properties--Continued

Map symbol	Depth	   USDA texture	Classif	icatio	on			ments		rcentago sieve n	e passin umber	_	  Liquid	
and soil name     		   	   Unified 	   A2	ASHTO		>10 inches	3-10  inches	   4 	10	40	200	limit   	ticity  index
	In	'	' 				Pct	Pct	'	i	<u>'</u>		Pct	
KmF:		 	 	 				 	 	 	 	 		1
Kaymine           	3-65	•	GC     	A-2,  A-2,   									25-35   25-35       	
Other Soils														
Rock   Outcrop, hard	0-60	 	 	 				   	   	   	   	   		
MgB:			 						 	 				
Monongahela	0-11	•	CL-ML, ML,   SC-SM, SM	A-4				0-5 	90-100 	85-100 	75-100 	45 <b>-</b> 90 	20-35 	1-10
į		Silt loam, clay   loam, gravelly   loam		A-4,	A-6			0-15	90-100	80-100	75 <b>-</b> 100	70-90	20-40	5-15
	27-51	· ·		A-4,   	A-6			0-10	  80-100   	  60-100   	  55-95   	  45-95   	20-40	3-15
	51-65	Silt loam, clay   loam, gravelly   sandy loam		A-4,	A-6			10-20   	  75-100   	  60-90   	60-85   	  40-85   	20-40	1-15
Robertsville		   	   	 				   	   	   	   	   		
PbC:   Pineville	0-3		  CL-ML, ML,   SC-SM, SM	  A-4,	A-2			   0-10	  60-80 	  55-75 	  50-70 	  30-65 	  25-35	4-10
; !		Channery loam,   channery clay   loam, very   channery loam	SC-SM, CL,   CL-ML, SC 	A-2,   	A-4,	A-6		0-10   	55-85     	50-80     	45-75   	30-65   	25-40	6-15   
 	43-65	Very channery   loam, very   loam, very   channery clay   loam, very   channery sandy   loam	GC-GM, GM,   SC, SC-SM   	A-1,   4, 2		A-		5-20       	35-75         	30-70         	25-65         	20-60       	25-35       	4-12       

Table H.--Engineering Index Properties--Continued

Map symbol	l Depth	   USDA texture	Classif	ication		Fragr	nents		_	e passi: umber	_	    Liquid	   Plas-
and soil name		 	Unified	AASHTO	)	>10  inches	3-10  inches	4	10	40		limit	
	In	! !	 	'		Pct	Pct			! !	! !	Pct	! !
Buchanan	   0-4	  Gravelly loam 	  CL, CL-ML,   GM, ML	  A-2, A-4		   	0-10	  50-100	  45-75 	  40-75 	  30-65 	  20-35	   2-11 
		Gravelly loam,   silt loam,   gravelly sandy	CL, GM, ML,   SM	A-2, A-4		   	0-20	50-100 	45-90 	40-90   	20-80   	20-35 	2-15   
	35-65	clay loam  Gravelly loam,   loam, channery   clay loam		  A-2, A-4, 	A-6	     	0-20	  50-100 	  30-80   	  30-75   	  20-60   	  20-35   	   2-15   
Other Soils													
PcE: Pineville	0-3		  CL-ML, ML,   SC-SM, SM	  A-2, A-4		   	3-15	    55-90	    50-85	    45-80	    30-75	25-35	4-10
		Channery loam,   channery clay   loam, very   channery loam	CL, CL-ML,   SC, SC-SM	A-2, A-4,	A-6	   	0-10	55-85	  50-80 	  45-75   	30-65   	25-40	6-15   
	43-65   	Very channery	GC-GM, GM,   SC, SC-SM 	A-1, A-2,   4, A-6 	A-	         	5-20   	35-75	  30-70       	  25-65         	20-60           	25-35         	4-12         
Buchanan	0-4	  Very stony loam 	  CL, CL-ML,   GM, ML	A-2, A-4		 	3-20	50-90	  45 <b>-</b> 75 	40 <b>-</b> 75	  30-65	20-35	2-11
		Gravelly loam,	CL, GM, ML,   SM	A-2, A-4		     	0-20	50-100	  45-90   	40-90     	20-80   	20-35   	2-15   
	35-65 	Gravelly loam,   loam, channery   clay loam		A-2, A-4,	A-6	     	0-20	50-100	30-80 	30-75   	20-60   	20-35	2-15   
Other Soils		 	 										
PoB:	     0-8		  CL-ML, ML,   SC-SM, SM	  A-2, A-4		   	0-10	  85 <b>-</b> 100	    80-100	    50-85 	    30-60	115-20	    NP-5 
		Very cobbly	GM, GW-GM,   SM, SW-SM 	A-1, A-2       		         	15-50   	  50-80   	35-70       	20-50           	5-25         	15-15         	NP-3         

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	   Depth	   USDA texture	Classif	ication	_i	ments			e passi umber		  Liquid	   Plas-  ticity
and soil name	   	 	   Unified 	AASHTO		3=10  inches	   4	10	40	200		index
	'   In 	 	   	     	Pct   	Pct	'     	'     	' <u></u>     	' <u></u>     	Pct   	' <u></u>     
PuB: Potomac	0-8			  A-2, A-4		0-10	  85-100	  80-100	  50-85	  30-60	  15-20	  NP-5
	   	Very cobbly	SC-SM, SM  GM, GW-GM,   SM, SW-SM   	  A-1, A-2       	         	  15-50         	  50-80         	  35-70         	  20-50         	   5-25         	  15-15         	  NP-3       
Urban Land	0-6	1	   				 	 				
Other Soils	 		 									
SeC: Sewell	   4-65 	sandy loam  Very channery	SC-SM, SM  GC-GM, GM,   GP-GM 	  A-1, A-2    A-1, A-2     		į	İ	İ	İ	İ	  15-25    15-25     	į
Wet Minesoil	 		 					 				
Ud: Udorthents	   		   	   		   		   				
W: Water	   	   	   	;     	   	     	     	     	   	     	 	     